



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE of the STATE FIRE MARSHAL
Fire Engineering Division**

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**FIRE EXTINGUISHER ADVISORY COMMITTEE
MEETING ACCOUNT
WEDNESDAY, January 26, 2005**

COMMITTEE GOAL: To provide a means of communication between the Office of the State Fire Marshal, representatives of industry, the public and the fire service; and to seek comments and specific views on proposed regulations and intended future action.

Members Present

Mike Richwine, Chairperson
James Parsegian, Program Coordinator
Yevonne Costa, Program Assistant
Chris Hoiland, CALSAFE
Edie Wade, Brooks Equipment
Randy Dysart, Beacon Fire and Safety
Darrell Harguth, Brooks Equipment
Mike Brand, Brandco
Chris Gilbert, Simplex Grinnell
Darrell Hefley, Jorgensen & Co

Members Absent

Mike Winfield, CDC
Barry Sigal
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Introductions

Division Chief Mike Richwine opened the meeting by welcoming new committee members as well as those who are returning for another term.

Approval of Minutes

The meeting minutes from the November 03, 2004 meeting were approved as written.

Old Business-Work Group Issues

Regulations Work Group

Chris Gilbert – Chairperson
Darrell Hefley
Edie Wade
Randy Dysart

Testing and Training Group- (has not yet met)

Mike Brand- Chairperson
Darrell Hefley
Edie Wade
Randy Dysart

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Regulation Issues

Calibrated Scales

Chris Gilbert spoke to the committee regarding changes the working group had made to the existing language regarding 557.1 Scales; information was noted and is shown below.

557.1 Scales

"A" Definitions

(a) Accurate Scales, Extinguisher Maintenance

- (1) An accurate scale for extinguishers with a gross weight of 60lbs (27.24 kg) or less must have a minimum graduation not larger than 4 ounces (0.114 kg)
- (2) An accurate scale for extinguishers with a gross weight of 61lbs (27.69kg) or more must be weighed on scales that have a minimum graduation not larger than 8 ounces (0.227 kg) and shall be accurate to plus or minus 8 ounces (0.227kg)
- (3) An accurate scale is one that can demonstrate upon inspection accuracy by the use of a 10lb weight standard as defined by the California Department of Weights and Measures. The weight standard shall accompany the scale at all times.
- (4) Accurate scales must have a maximum weight that equals or exceeds the gross weight of any extinguishers being maintained.

(b) Accurate Scales, Cartridge Maintenance

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- (1) An accurate scale for weighing cartridges is one with a minimum graduation not larger than 1/100 of the cartridge being weighed and that is accurate to plus or minus one scale graduation.
- (2) An accurate scale is one that can demonstrate upon inspection accuracy by the use of a 1lb weight standard as defined by the California Department of Weights and Measures. The weight standard shall accompany the scale at all times.
- (c) Accurate scales, commercial applications (legal for trade)
 - (1) An accurate scale for commercial applications is one that complies with sections 12500 (a) and 12501.1 of the California Business and Professions Code and Section 400, Title 4 of the California Code of Regulations.

561.2 Fire Test and Performance Standards

(a) Portable fire extinguishers used to comply with this regulation shall be listed and labeled and meet or exceed all of the requirements of the fire test standards and one of the appropriate performance standards shown below:

(1) Fire Test Standards: ANSI/UL 711, Standard for Fire Extinguishers, Rating and Fire Testing 6th Edition, 2002.

(2) Performance Standards:

(a) CO₂ Types: ANSI/UL 154, Standard for Carbon Dioxide Fire Extinguishers, 8th Edition, 1995.

(b) Dry Chemical Types: ANSI/UL 299, Standard for Dry Chemical Fire Extinguishers, 10th Edition, 2002.

(c) Water Types: ANSI/UL 626, Standard for Two and One-Half Gallon Stored-Pressure, Water-Type Fire Extinguishers, 7th Edition, 1995.

(d) Halon Types: ANSI/UL 1093, Standard for Halogenated Agent Fire Extinguishers, 5th Edition, 1995.

(e) Foam Types: ANSI/UL 8, Standard for Foam Fire Extinguishers, 5th Edition, 1995.

(f) Clean agent types ANSI/UL,2129, 1st Edition, 1999

(b) The identification of the listing and labeling organization, the fire test and performance standard which the extinguisher meets or exceeds shall be clearly marked on each extinguisher

EXCEPTION: Extinguishers manufactured prior to January 1, 1986.

(c) An organization listing, labeling and marking extinguishers used to comply with the requirements of this chapter shall utilize a third party certification program for portable fire extinguishers which meets or exceeds ANSI/UL 1083,2nd Edition, 1994

EXCEPTION: Extinguishers manufactured prior to January 1, 1986.

NOTE: Authority cited: Section 13160, Health and Safety Code. Reference cited: Section 13160, Health and Safety Code.

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Returned Parts Consideration

Committee recommends the following changes:

575.1 (g) The licensee shall offer in writing to return all replaced parts to the portable fire extinguisher owner or owner's representative, except such parts as the licensee is required to return to the manufacturer of the portable fire extinguisher under any warranty arrangement. Text of offer must be in capital letters of at least 10 pt. Roman boldface type or legible printing of comparable size.

595.14 Mobile Service Vehicles-Tabled until next meeting.

594.3. Test Equipment for Low Pressure Non-D.O.T. Specification Cylinders and Hose Assemblies.

(a) The required equipment for testing low-pressure non-D.O.T. specification cylinders and hose assemblies consists of the following:

(1) Cylinders and hose assemblies shall be tested within a protective cage device, or placed behind a protective shield, that will permit visual observation while under pressure for leaks, bulges, and other harmful defects.

(2) A hydrostatic test pump, hand or power operated, shall be capable of producing not less than 150 percent of the test pressure. It is to include appropriate check valves and fittings.

(3) A flexible connection between the test pump and the test cylinder shall be provided with necessary fittings to test through the extinguisher nozzle, test bonnet, or hose outlet, as applicable.

(4) Licensed individuals and licensed companies performing this service shall maintain a license in conformance with section 595.5 (a) and 595.9 The committee agrees that this section is needed and only suggests including both references in the interest of clarity.

***** Action Item**

Chris Hoiland to draft paper on **594.3 Calibration of Scales**, he will provide a draft to the regulations work group before their next conference call.

***** Action Item**

Regulations working group asked for guidance regarding the Mobile Service Vehicle section, James will make arrangements for Tony Guevara to attend next committee meeting to shed some light on this issue.

***** Action Item**

Regulations work group will draft language regarding electronic monitoring and possible addition to inspection section.

***** Action Item**

Regulation work group will develop language to delete **Article 12-21 from Title 19**.

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***** Action Item**

Regulations working group to also consolidate 2004 regulation changes into 1 package including justifications for presentation at next meeting.

Working group will hold a conference call on **February 24, 2005 at 1:30**.

Dial In Number- 877-455-8695

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Testing and Training Issues This group has not yet met.

- Inmate C of R ***
- Expanded Testing
- C of R Ongoing Testing

AB 2401- Tabled waiting for advisement from CDF Legal.

The next advisory committee meeting will be held on April 05, 2005 at 10:00 a.m at the State Fire Marshal's Headquarters conference room in Sacramento .The meeting was adjourned at 12:20 p.m.

YEVONNE COSTA
Program Assistant
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